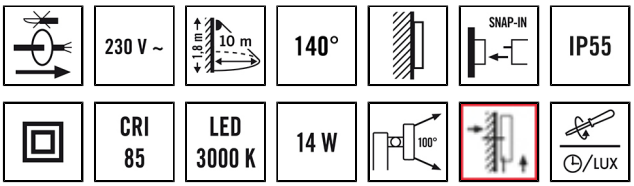
DATA SHEET

AOL WL 100 OP 800 830 MD BK

Item number EL10750717

GTIN 4015120750717





Product description

- Automatic light with built-in motion detector
- Design lamp made of die-cast aluminium and plastic
- 14 W, light colour approx. 3000 K warm white
- 140° field of detection, range up to 10 m at an installation height of 1.8 m

Technical data

GENERAL	
Device category	Wall light
Remote controllable	–
Conformity	CE, RoHS, WEEE
Warranty	3-year

ATTACHMENT	
Installation type	Surface mounting
Installation position	Wall

HOUSING	
Dimensions	Length 205 mm x Width 104 mm x Height/ Depth 143 mm
Weight	576 g
Material	Aluminium and UV-stabilised plastic
Protection type	IP55
Permissible ambient temperature	-25 °C...+50 °C
Colour	Black, similar to RAL 9005
Type of connection	Screwed terminal
Connectable wire cross section	1,50 - 2,50 mm²
Glow wire test in accordance with IEC 60695-2-10	650 °C

ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Stand-by consumption	0.5 W
In-rush current	100 A / 200 µs
Leakage current	0,01 mA

LIGHT	
Diffusor	opal
Light emission	direct
Beam angle	90 °
Flicker factor	<10 %
Rated output	14 W
Luminous Flux (light)	750 lm
Luminous efficacy	53 lm/W
Colour temperature	3000 K
Colour rendering index Ra	> 80
L70B10 lifetime at 25°C	80000 h
Life time L70B50 at 25 °C	100000 h
Life time L80B10 at 25 °C	50000 h
Life time L80B50 at 25 °C	65000 h
Life time L90B10 at 25 °C	25000 h
Life time L90B50 at 25 °C	30000 h
Energy efficiency class	A++ to A

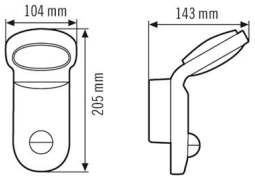
SENSORS	
Detection angle	140°
Detection range diagonally	10 m
Detection range head-on	2 m
Field of detection	122 m²
Recommended installation height	1,8 m
Level of brightness	5 - 1000 lx

DATA SHEET

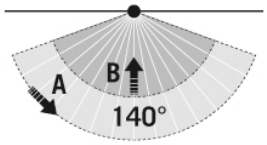
AOL WL 100 OP 800 830 MD BK

Item number	GTIN
EL10750717	4015120750717

Scale drawing



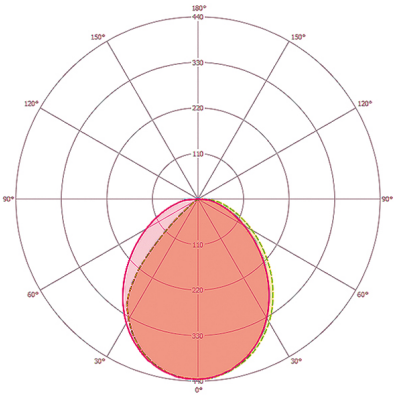
Field of detections



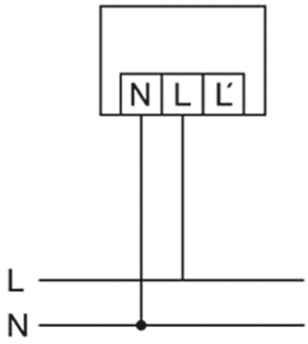
Detection range

Diagonally (A)	10 m
Frontal (B)	2 m

Light distribution

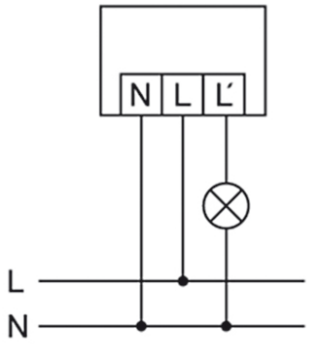


Circuit diagram



Standard operation

Circuit diagram



Standard operation with additional connection of external loads